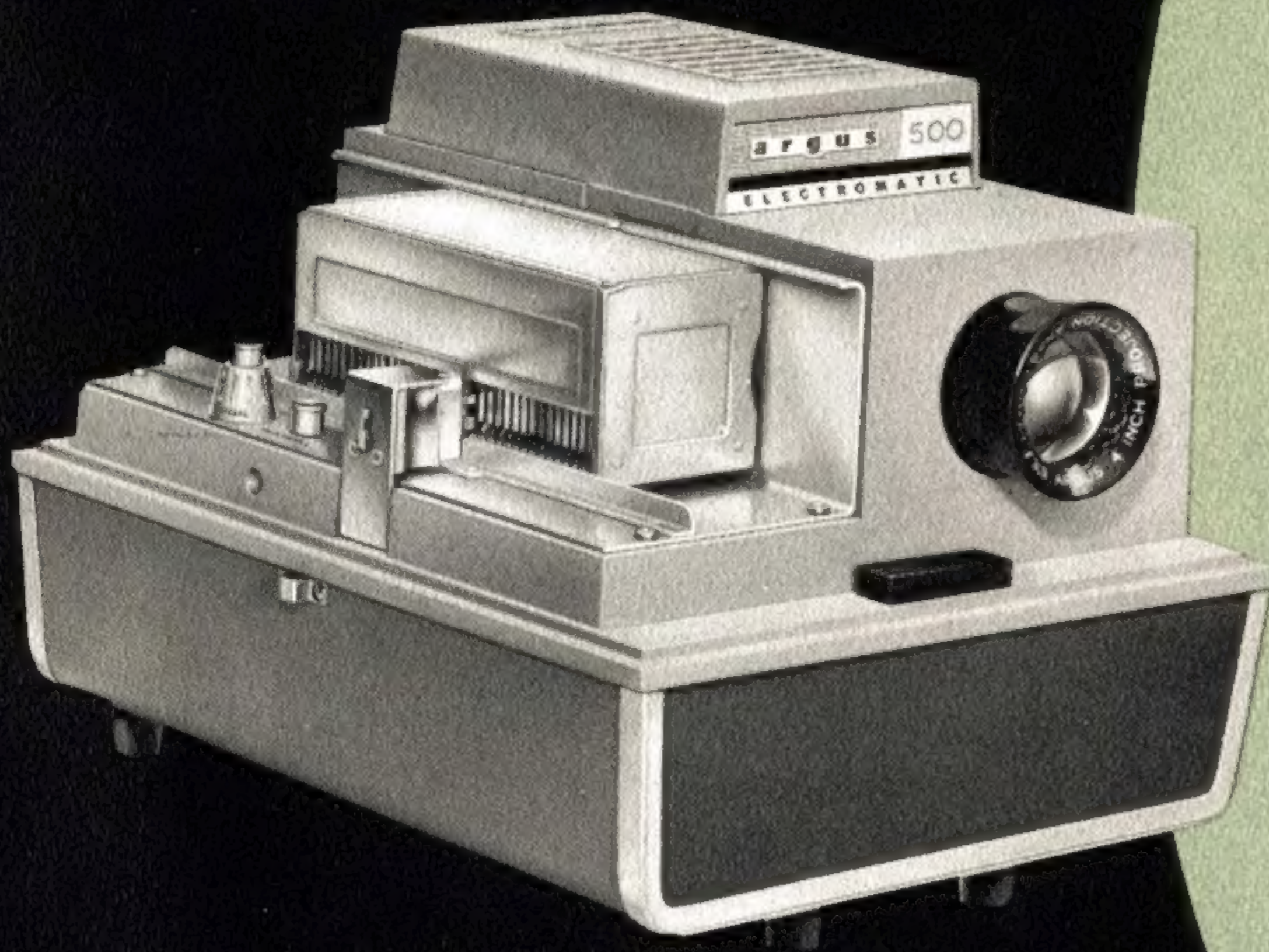


500 ELECTROMATIC  
500 AUTOMATIC

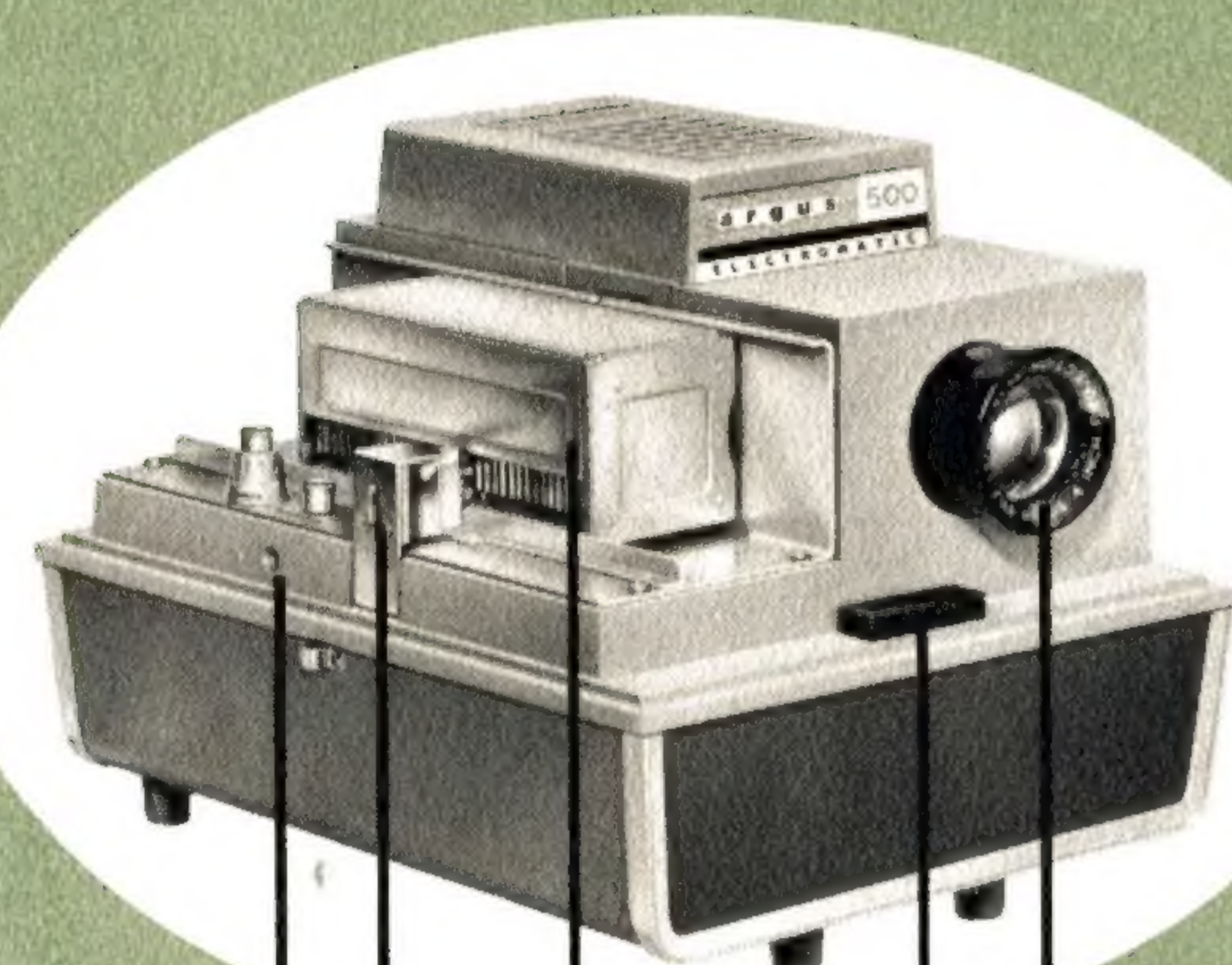


*argus projectors*



# Getting acquainted with your **argus** projector...

## contents



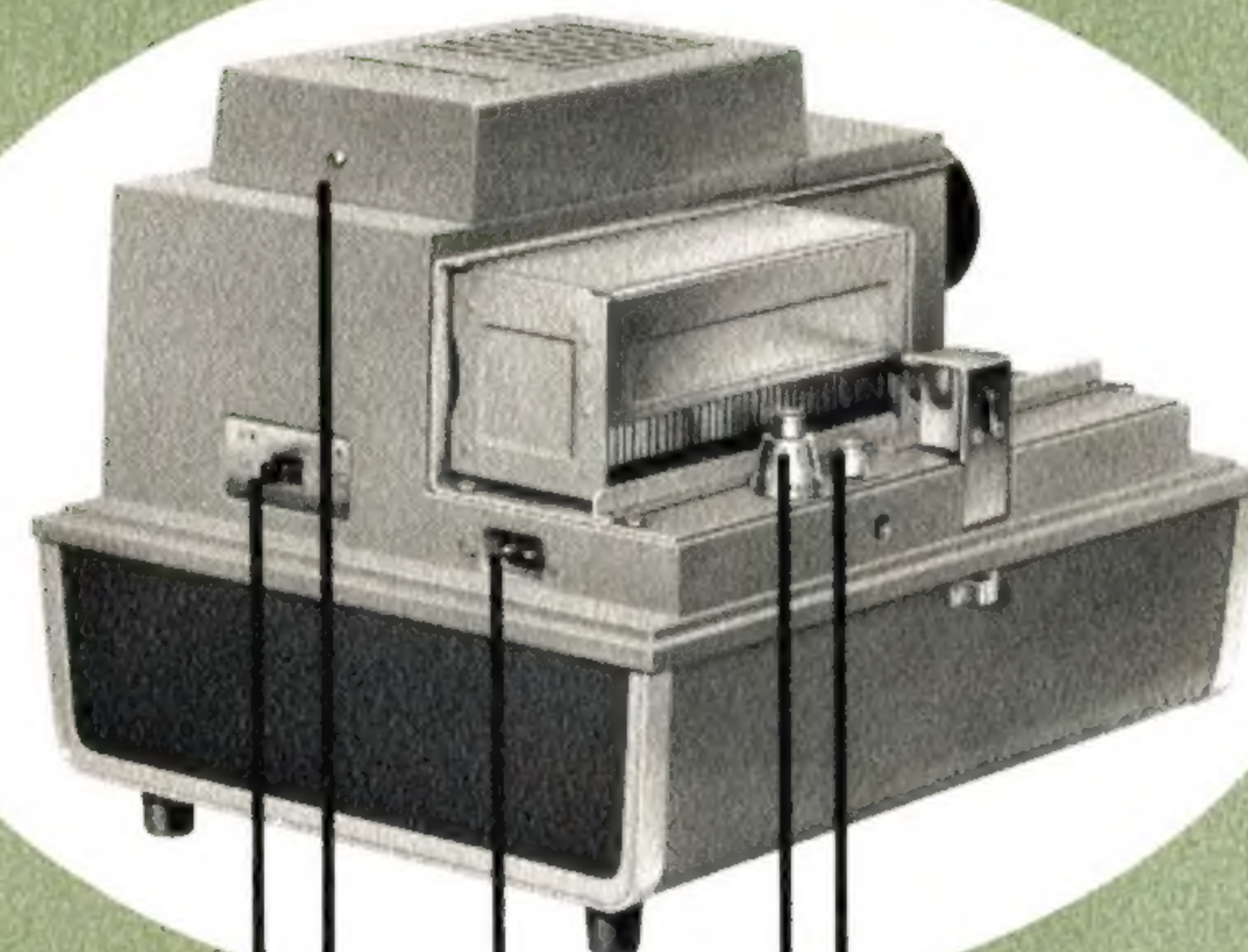
Remote Control  
Socket\*

Slide Changer  
Arm

Slide Magazine

f/3.3 Projection Lens

Elevation Adjustment



Off-On  
Switch

Exhaust Grille  
Latch

Power Cord Socket

Manual Change  
Button\*

Timer Knob\*

\*On Electromatic Model only

In purchasing your new Argus Automatic or Electromatic Projector, you have acquired the finest equipment possible for showing your color slides. Every requirement for brilliant performance, convenient operation, and utmost protection of your valuable slides has been incorporated into its modern design and precision manufacture.

On the opposite page you will find each of the important parts of the projector labeled (Electromatic Projector shown). The same terms are used throughout this book in the description of the operating procedures.

The Table of Contents on the right-hand side of this page will help you find the specific information you need for your particular model projector. Reading these instructions will take only a few minutes of your time, and will assure you of success with your first slide show.

*Because Argus products are constantly being improved, minor changes in the appearance of your projector may not be included in this instruction book.*

Setting Up Your Projector.....	3
Using the Slide Editor.....	3
Projector-to-Screen Distances.....	4
Using the Automatic Slide Changer.....	5-7
Using the Electromatic Slide Changer.....	5-8
Care and Cleaning.....	9-11
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## Using the slide editor

*for showing single slides.*

The Slide Editor, packed with your projector, provides a handy way to view and edit your slides before placing them in magazines.

With the Electromatic Projector, first push the HOLD button down (see page 6). *Do not use the Manual button or Timer when showing single slides.* To install Editor, (1) pull changer arm all the way out. (2) Insert editor into slide entrance of changer with the word TOP at upper right-hand corner. Rest lower right-hand corner of editor on right-hand ridge of changer bottom. (3) Holding editor in this position, press in on top of lock and push changer arm in until it is over hole in corner of editor. (4) Pull editor up to fit end of changer arm into corner hole, then snap lock down into place.

Pull changer arm all the way out and insert slide at a slight angle into editor slot. Slide is placed in an upside-down position with the emulsion side (usually the printed side) facing the screen. Manually push changer arm in to show the slide, pull out to change slides.

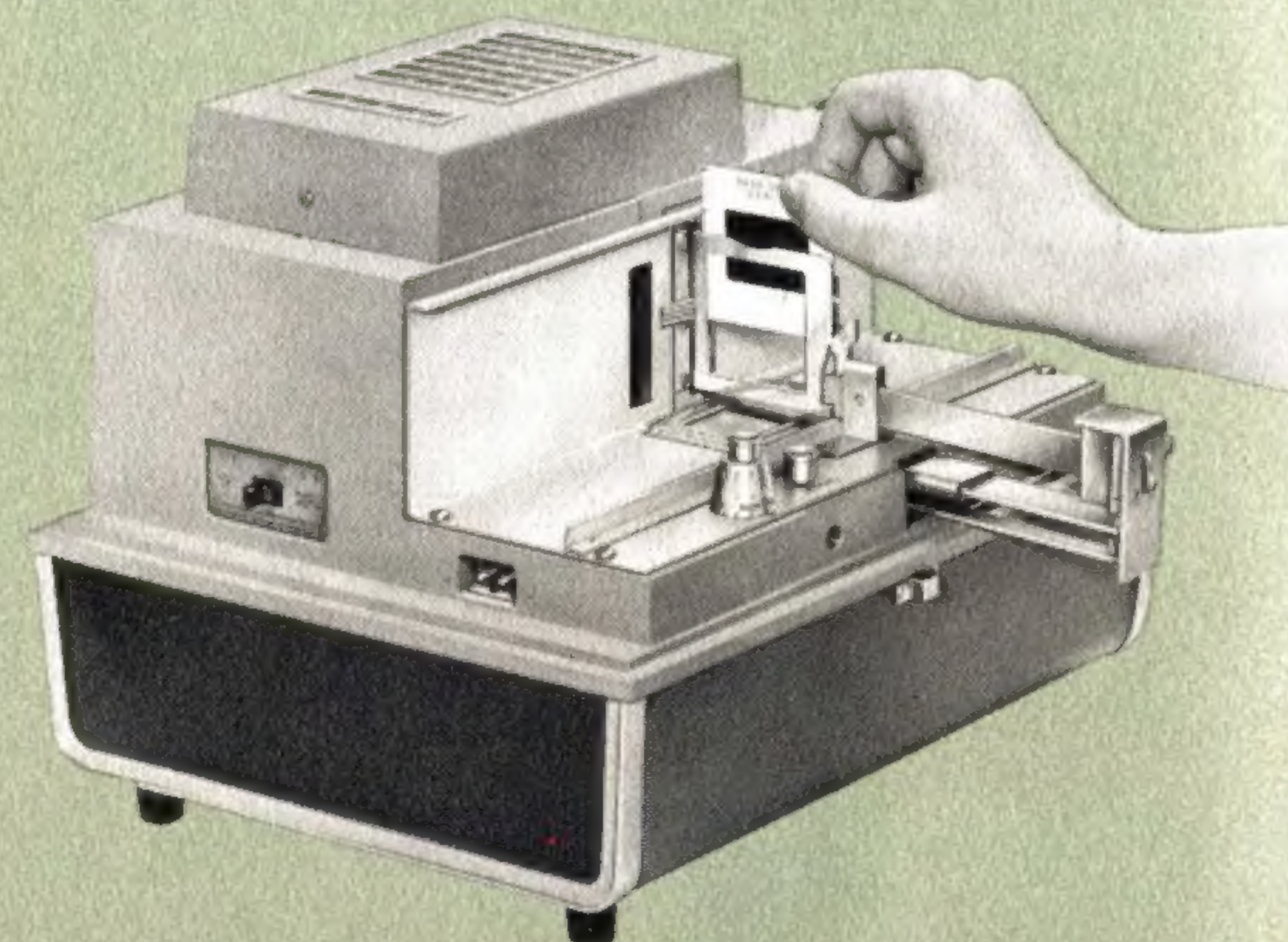
Remove editor from changer arm by reversing procedure described above.

## Setting up your projector

Your projector will operate on any firm, even surface. The air-intake grille is located on the bottom of the projector to insure cool operation. Never support your projector with a pillow or any other object which might contact and close off this grille. Make sure the projector switch is off, then plug the power cord into the projector and into any 105-125 volt, 60 cycle AC outlet.

*To center the picture vertically*, lift the front of the projector while pressing down on the elevation adjustment. The front legs will drop down and will lock in any position when the adjustment bar is released.

*To focus the lens*, turn it to the right or left until the picture is sharp and clear.

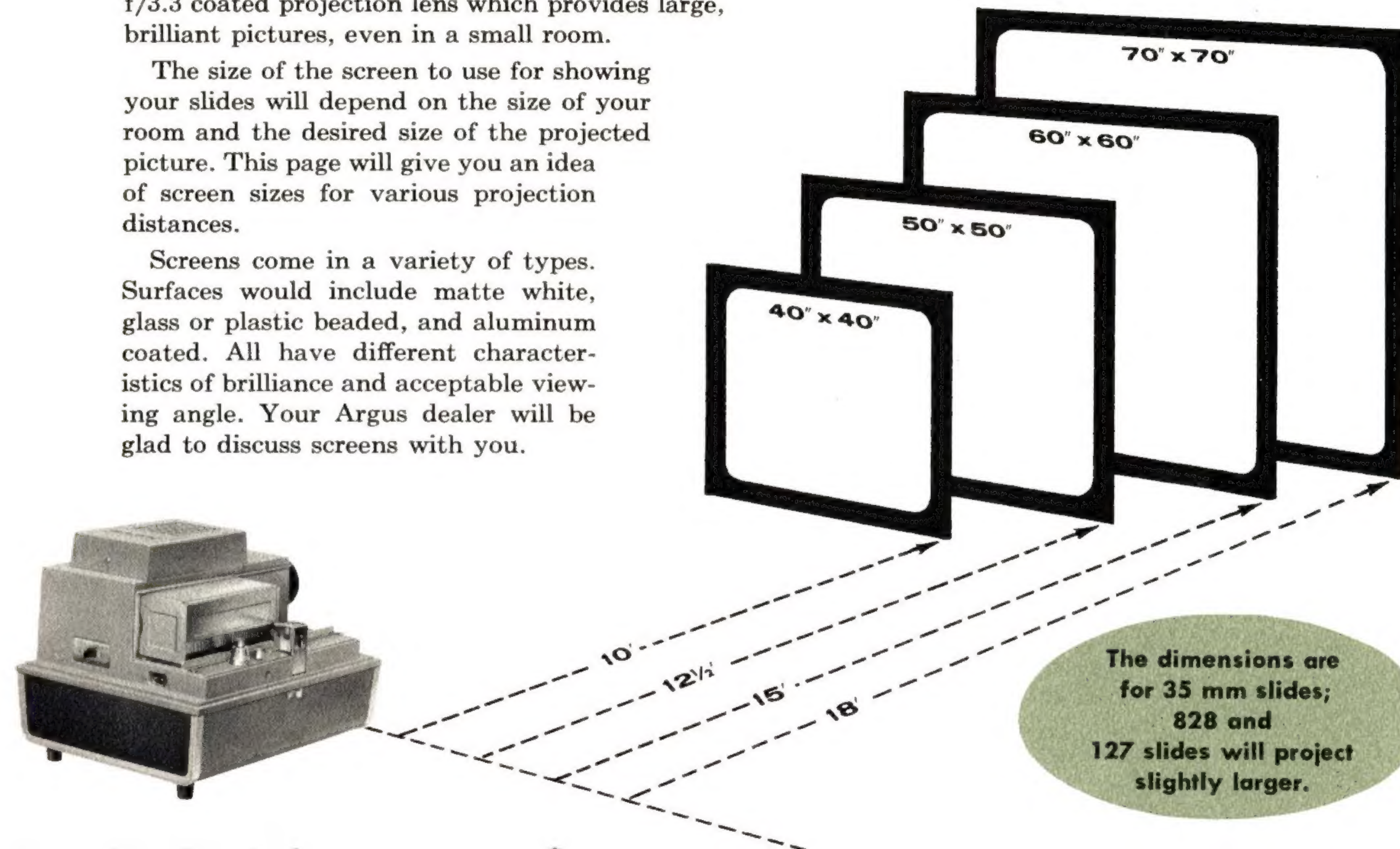


## Projector-to-screen distances

Your projector is equipped with an Argus 4" f/3.3 coated projection lens which provides large, brilliant pictures, even in a small room.

The size of the screen to use for showing your slides will depend on the size of your room and the desired size of the projected picture. This page will give you an idea of screen sizes for various projection distances.

Screens come in a variety of types. Surfaces would include matte white, glass or plastic beaded, and aluminum coated. All have different characteristics of brilliance and acceptable viewing angle. Your Argus dealer will be glad to discuss screens with you.





## *Using the automatic slide changer*

... a complete, convenient system for projecting, indexing, and storing your slide collection.

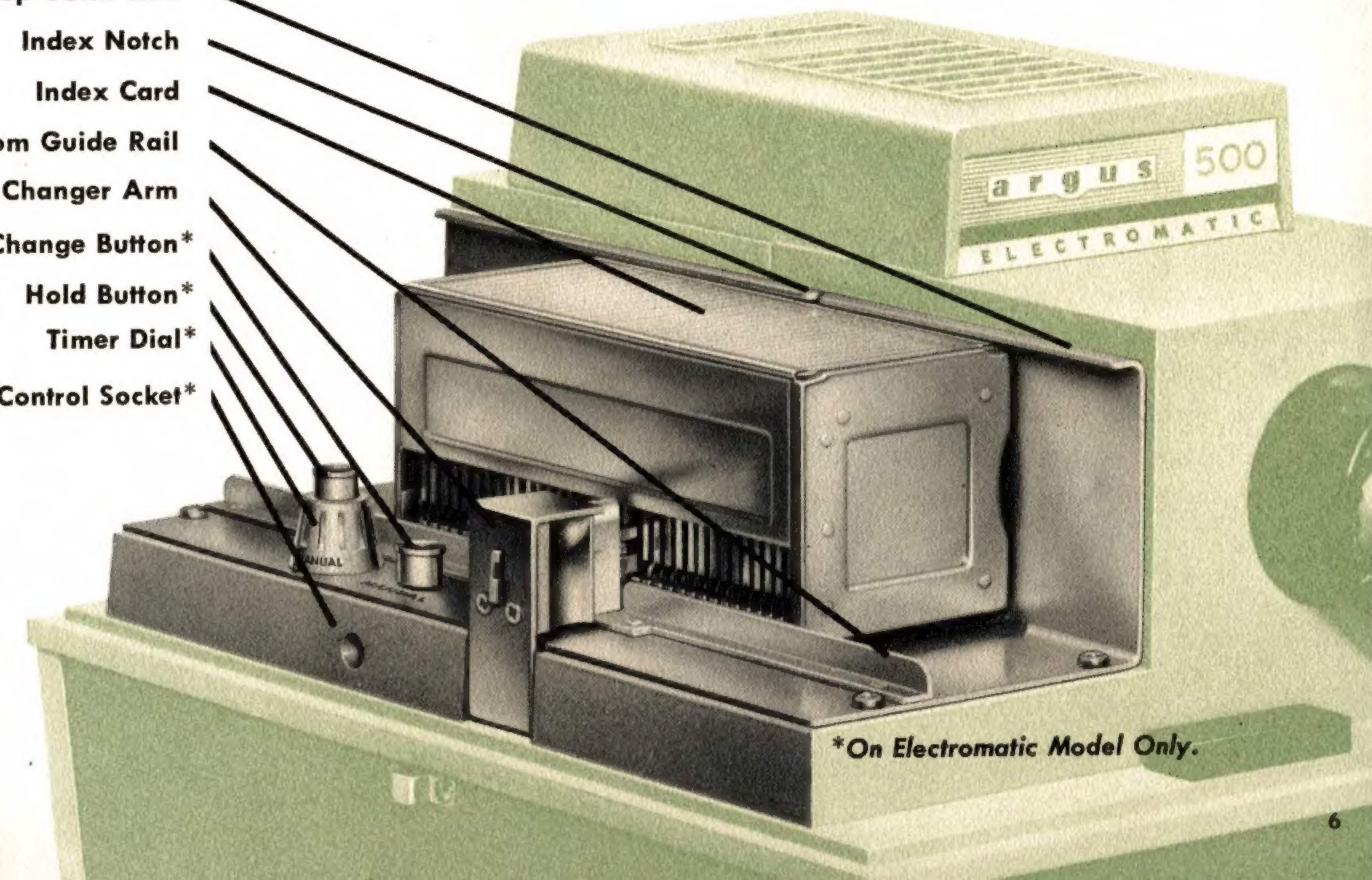
Your Automatic or Electromatic projector is equipped with the last word in efficient slide showing.

Besides maintaining your slide collection in an orderly fashion, the slide magazine and its aluminum frames protect your valuable slides from dust, dog-eared corners, and damaging fingerprints. Once your slides are inserted in the individual frames, you need never touch them again.

By using the Slide Editor, you can project your slides quickly and easily when they come back from the processor. Use the Editor again to sort them and arrange them into magazines. The index card on the slide magazine enables you to completely catalogue and title your slide collection as it grows.

*These parts of the slide changer are referred to on the following pages—*

Top Guide Rail  
Index Notch  
Index Card  
Bottom Guide Rail  
Changer Arm  
Manual Change Button\*  
Hold Button\*  
Timer Dial\*  
Remote Control Socket\*



*\*On Electromatic Model Only.*

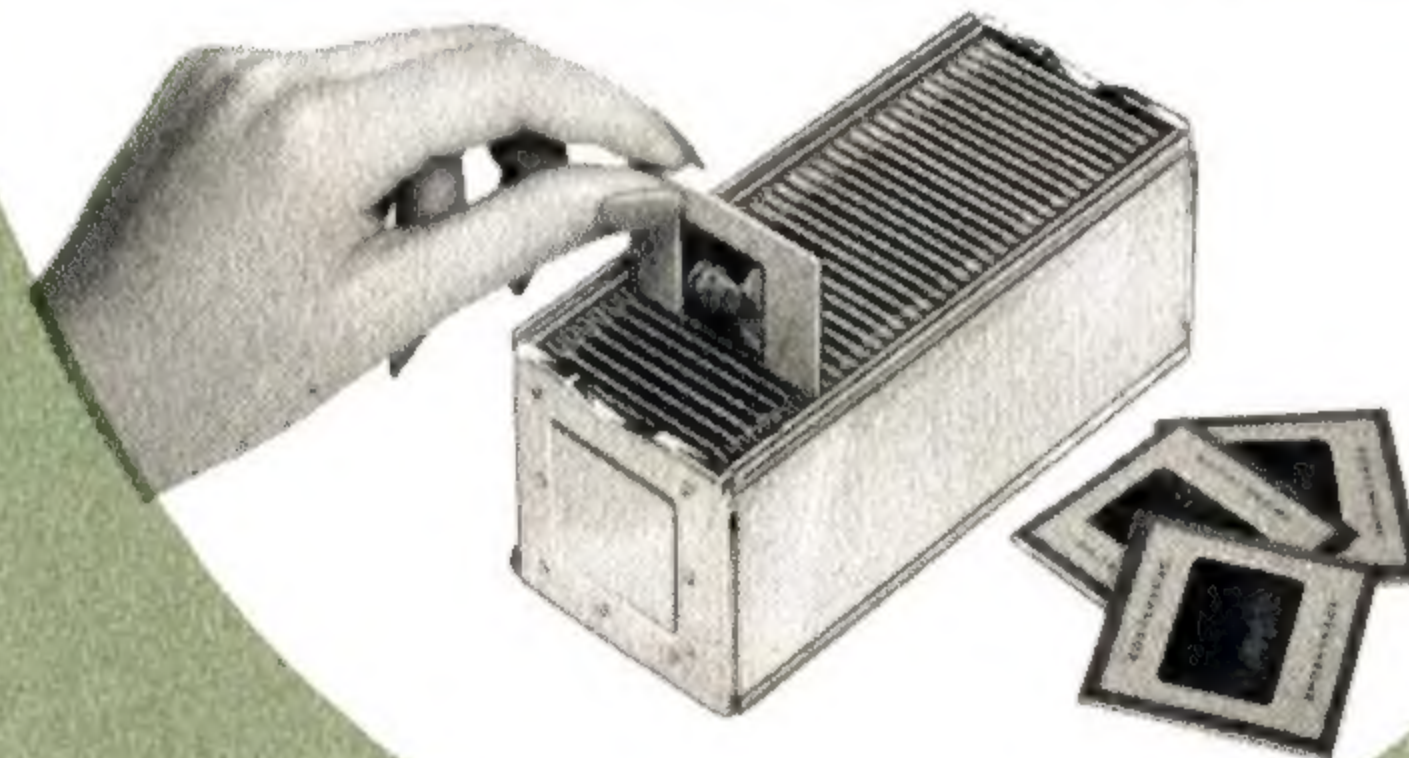


**a**

To catalog your slides as you insert them in magazines, lift the index card and acetate cover and slide them off. To load the magazine, lay it down as shown with the Argus nameplate on the bottom and index card to the right.

**b**

Without removing the frames, insert a slide into each frame with the picture tipped on its side, bottom to your right. Again, the emulsion side must be forward. Push each slide down until it is under the lip of the frame.



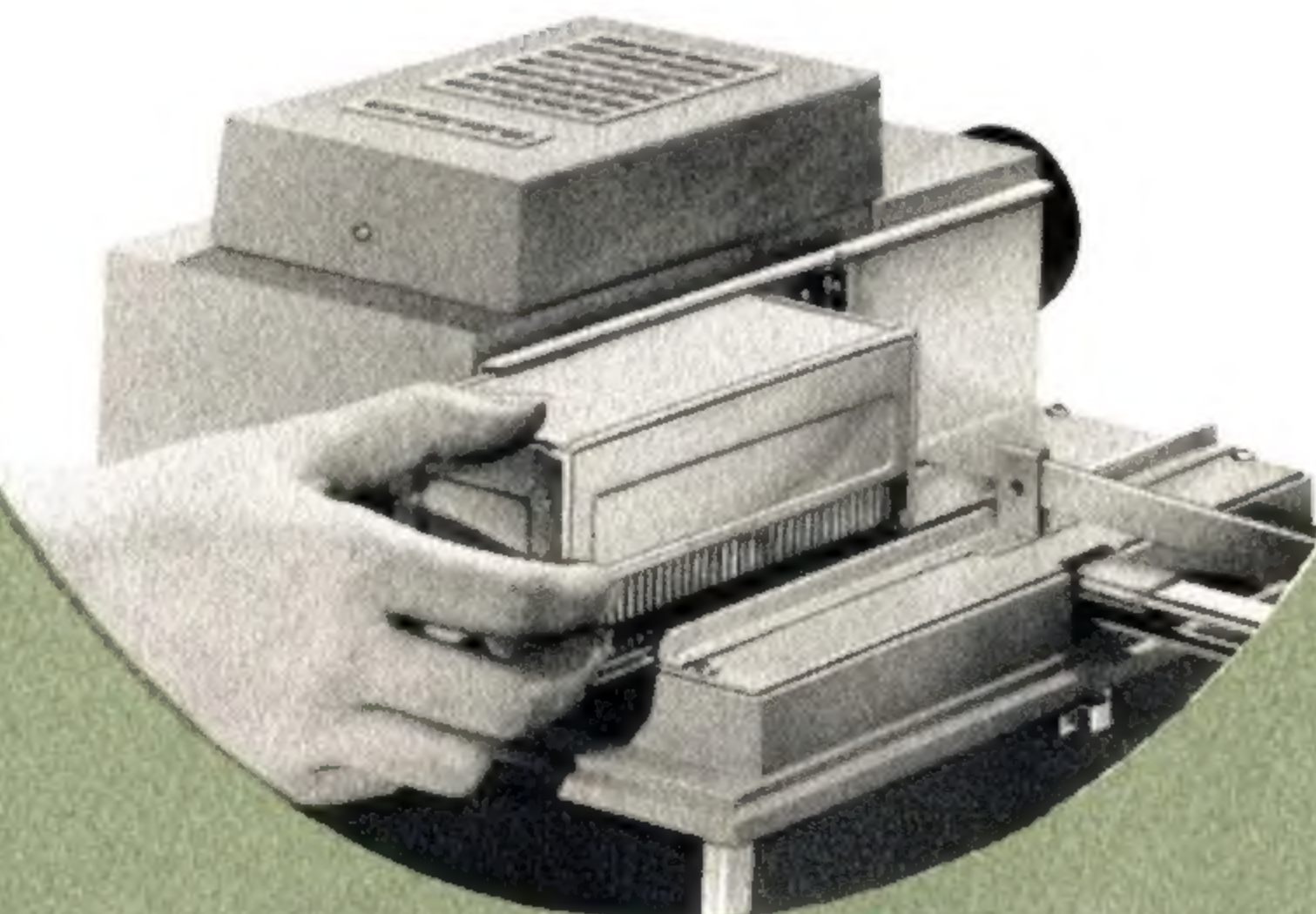
**c**

#### **AUTOMATIC PROJECTORS**

Pull changer arm *all the way out* and slide loaded magazine in from the rear, index card on top, Argus nameplate to right. Be sure to insert it *under* top guide rail and *inside* bottom guide rail as shown. Slide magazine forward to place No. 1 on index card opposite top guide rail notch. Turn switch ON and push changer arm *in* to show first slide.

#### **ELECTROMATIC PROJECTORS**

Leave changer arm *in* and push *Hold* button. Turn switch ON and slide magazine in to changer arm, then *lightly* press magazine against arm and push *Manual* button to automatically advance magazine to first slide.



**d**

#### **AUTOMATIC PROJECTORS**

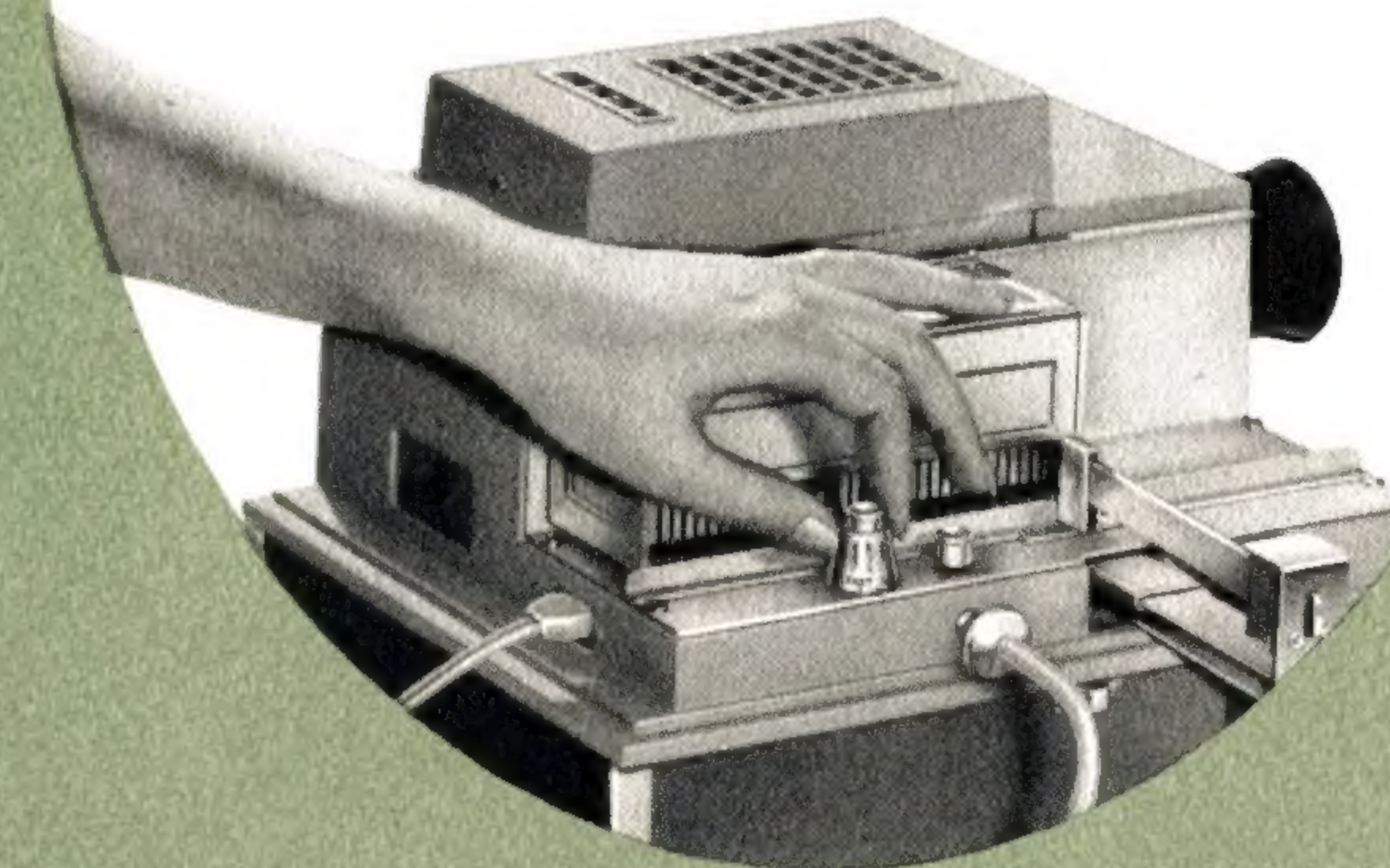
Pull changer arm *out* as far as it will go to return first slide to magazine and automatically advance magazine to next slide. Continue this action to show each slide. Pull arm *all the way out* to slide magazine forward or back to skip or repeat slides.

**e**

#### **ELECTROMATIC PROJECTORS**

After first slide is in viewing position, you can change slides by setting *Timer* dial on *Manual* and pushing *Manual* button, or by plugging *Remote Control* into socket just below changer and squeezing bulb.

A second magazine can follow the first by placing it in the changer when the first nears the end. Lightly press it against the first magazine and it will automatically engage when the first magazine has been completed.



**TO SET THE TIMER** and have it change slides for you, turn the *Timer* dial to *Fast*, *Slow*, or to an intermediate setting.

On *Fast*, the slides will change about every 3 seconds; on *Slow*, every 30. Press the *Manual* button to start the cycle.

**TO HOLD ANY SLIDE BEING SHOWN**, push the *Hold* button on top of the timer dial. To restart the timer cycle, press the *Manual* button.

To reject any slide being shown, press the *Manual* button.

**TO TURN OFF THE TIMER**, turn the timer dial to *Manual* and use the *Manual* button or remote control to change the slides.



## Projector care and cleaning

It will add much to your enjoyment of slide shows if you keep the entire optical system free of dust and fingerprints.

The **PROJECTION LENS** can be pulled or turned all the way out of the projector housing. The glass elements are permanently sealed in at the factory and should not be removed. The exposed front and rear surfaces can be cleaned by gentle brushing or by polishing with a lens cleaning tissue.

The **CONDENSER LENSES** inside the projector can be cleaned by following the procedure described on these pages.

**BE SURE THE PROJECTOR IS DISCONNECTED AND COOL BEFORE YOU ATTEMPT TO REPLACE THE LAMP OR CLEAN THE CONDENSERS.**

**a**

Press the exhaust grille latch and lift the grille from the projector. Notice how the grille fits into the top of the projector body. Remove the lamp cover by grasping it by the sides and twisting it counterclockwise.



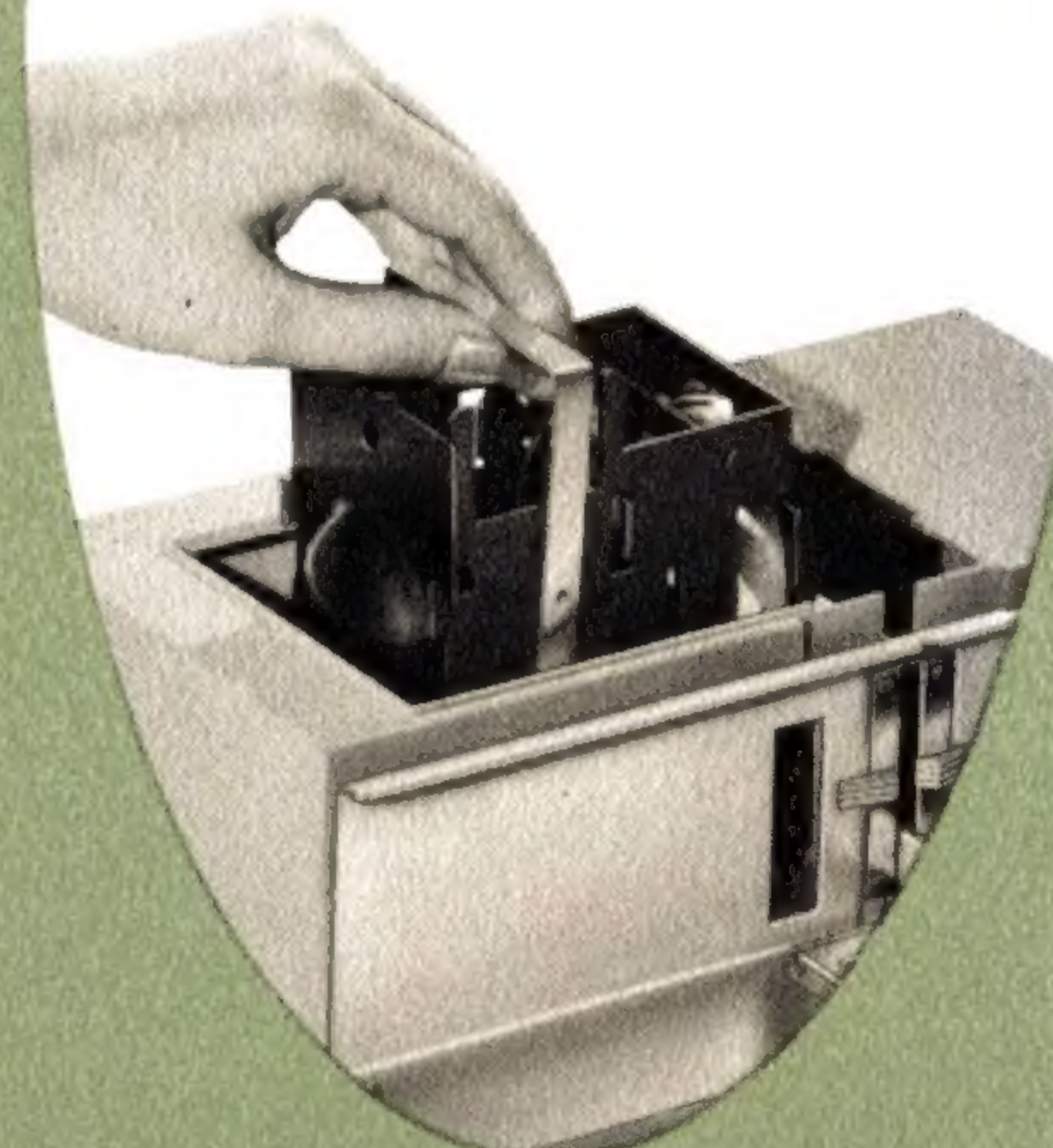
**b**

Remove the rear condenser lens mount (just forward of the projector bulb) by springing the mount slightly forward and pulling upward. (See illustration.) Remove the projection lamp by pulling straight up. *Do not twist.*



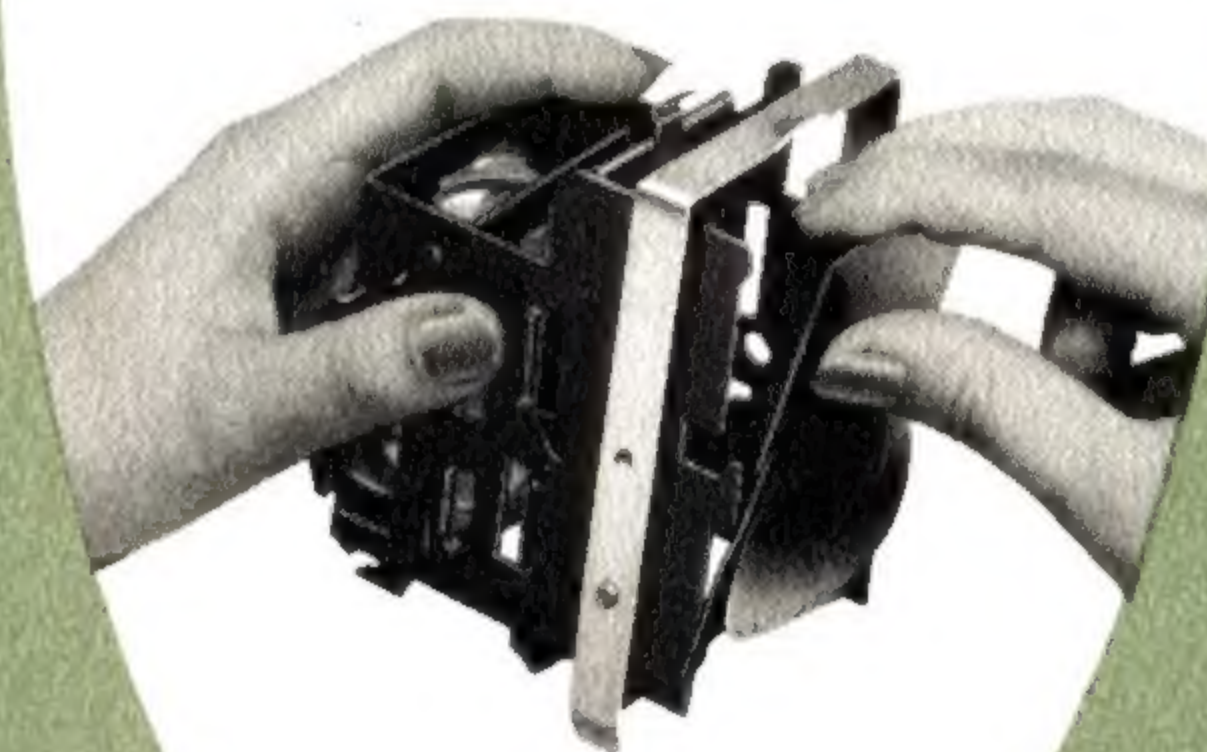
**c**

To remove the entire condenser assembly, pull back on the handle until it is straight up, then lift the assembly out. Note how the hooks on the assembly bottom fit into slots in the bottom of the chassis when the assembly is replaced.



**d**

Each glass surface can now be cleaned with a soft brush or lens cleaning tissue. You can remove the reflector by pulling the tab backward and up. The other mount is removed by spreading the frame sides. **DO NOT REMOVE ANY OF THE LENSES FROM THE METAL MOUNTS!**





**e**

Replace the reflector and heat filter mount (not the rear condenser) in the assembly frame as you removed them. Make certain they are seated properly.

With the assembly handle straight up, carefully fit the assembly back into the projector; make sure the hooks are fitted into the slots, then move the handle to the forward position.

Replace the lamp by aligning the key in the lamp base with the slot in the center of

the lamp socket.

When lamp is aligned, push it downward to seat.

*Do not twist.*

Replace the condenser lens mount by carefully fitting it *between* the guides, then pushing down until it snaps into place. Replace the lamp cover by fitting the tab on the rear of the assembly frame into the slot in the cover and pressing the forward side of the cover down until it snaps into place. Replace the exhaust grille.

## Specifications

**LENS:** Argus 4 inch, f/3.3, wide-angle, three element, coated, color-corrected, Projection Anastigmat in threaded, removable mount.

**LAMP:** 500 watt, T10, 120 volt, C13D filament, Tru-Focus base, opaque top. When a replacement is needed, specify Sylvania Tru-Focus Projection Lamp, ASA Code DAK.

**CONDENSERS:** Precision ground elements specially designed for maximum brilliance and even light distribution. Special heat filter is made of tempered, heat-absorbing glass.

**BLOWER:** Impeller type; 110-120 volt, 60 cycle AC motor. Accurately positioned for maximum up-draft cooling of lamp and slides, with air deflection system for pre-heating slides before they are projected.

**CONSTRUCTION:** Sturdy, die-cast metal body and components. Metal construction throughout (except lens mount and case covering). Metal case has laminated vinyl covering for maximum protection. Size: 11 1/2" x 9 1/4" x 9 1/2". Weight 13 lb. Automatic Model; 15 lbs. Electromatic Model.

*For information, service,  
or replacement parts for your  
Argus equipment, contact  
your local Argus dealer*

*or write to:*

**CUSTOMER SERVICE DEPARTMENT**

**ARGUS CAMERAS,  
ANN ARBOR, MICHIGAN**

*in Canada, write to:*

**ARGUS CAMERAS OF CANADA, LTD.**

**TORONTO, ONTARIO**

*When writing, be sure to specify  
that you have an Argus Automatic  
or Electromatic Projector,  
Model 58.*



## Accessories



### MAGAZINE CARRYING CASE

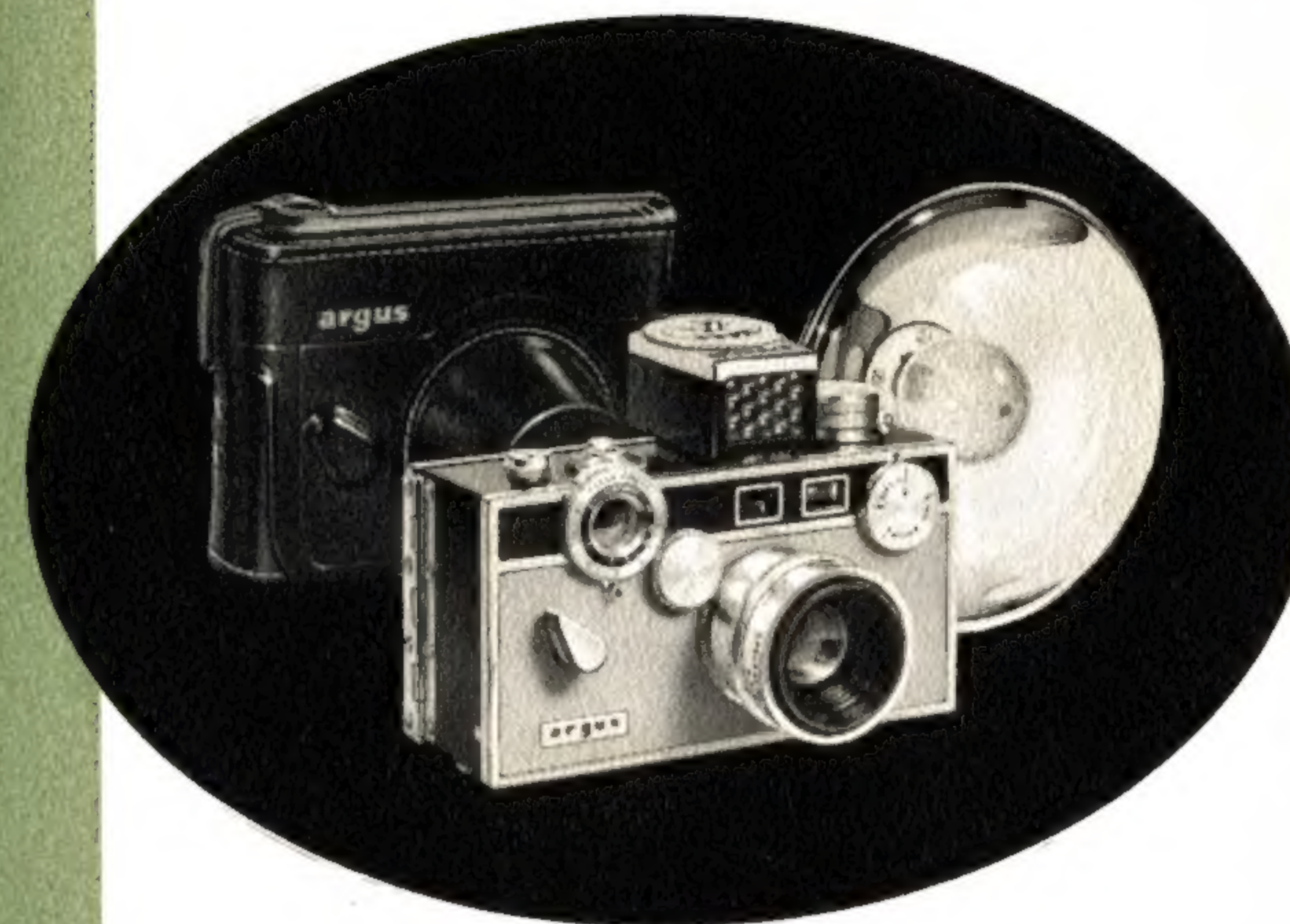
Convenient, portable storage space for your valuable collection of automatic slide changer magazines; holds 15 boxed magazines so that the end index labels are readily visible; sturdy construction with comfortable carrying handle.



### EXTRA SLIDE CHANGER MAGAZINES

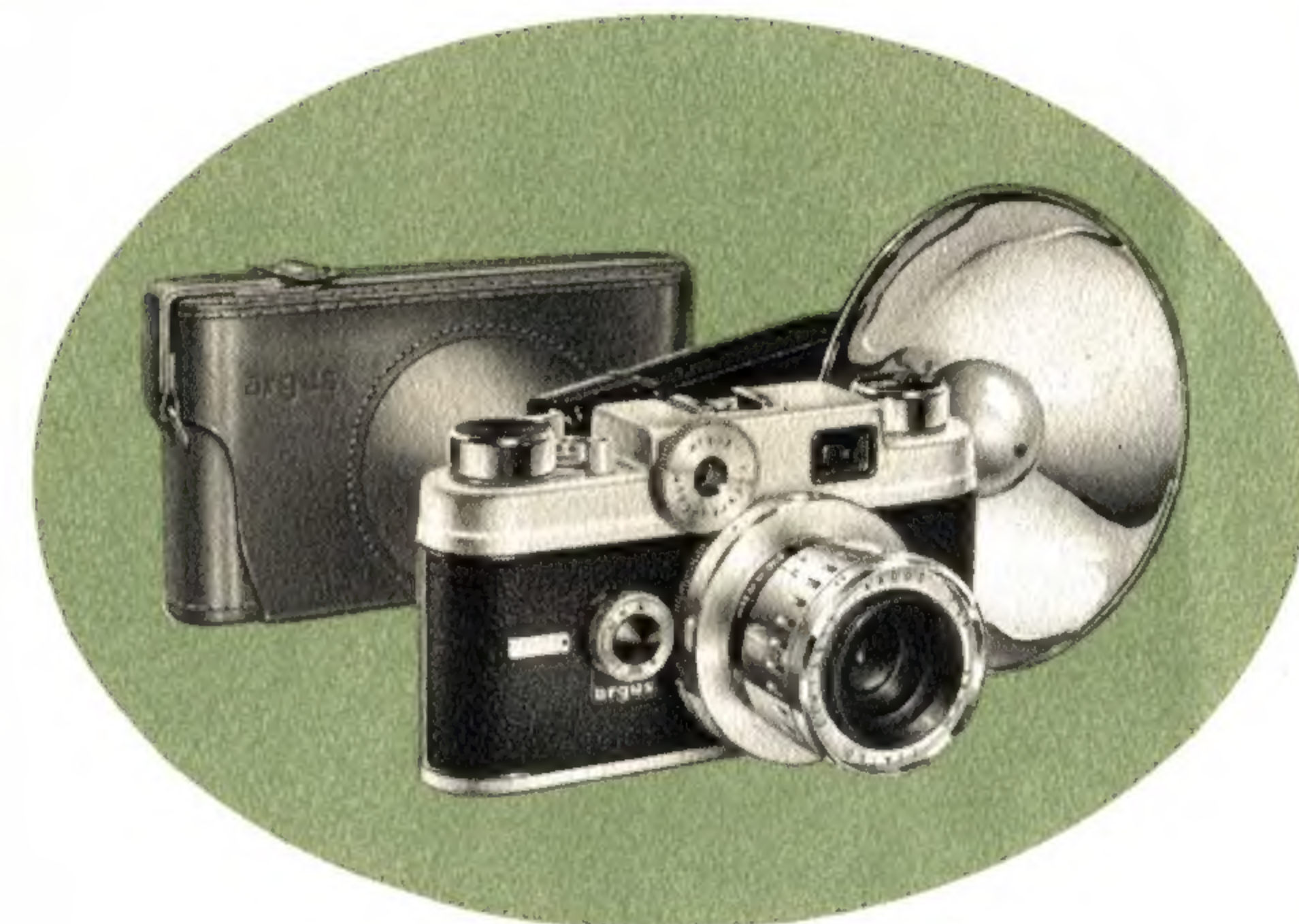
Each 36-slide magazine is packed in its own box with end label and "see-thru" cover for easy selection. Magazines are available singly or in a sturdy "carry-carton" of six which has a fold-down handle for easy storage.

## argus



### MATCH-MATIC C3

Featuring a simplified method of correct exposure—just match one number to another. Sharp, f/3.5 lens, 5 speed shutter, attached exposure meter, new FLASH-FINDER system for easy flash pictures.



### ARGUS C44

Rapid film wind for really fast picture taking. Fast, f/2.8 four-element lens, shutter speeds from  $\frac{1}{8}$  to  $\frac{1}{300}$  second, rewind crank, interchangeable wide angle and telephoto lenses available.



*Lifetime  
guarantee*

*Your Argus Projector was manufactured, inspected, and tested by skilled projector craftsmen. It is automatically guaranteed when purchased to be free of defects in workmanship or materials during its lifetime. If any servicing is necessary because of imperfections in materials or workmanship, your projector will be factory serviced without charge.*

*Argus equipment which has been damaged, mishandled, or worn from extended use will be factory serviced at established rates. Equipment purchased as used or rebuilt is not covered by this guarantee.*

**ARGUS CAMERAS, ANN ARBOR, MICHIGAN**

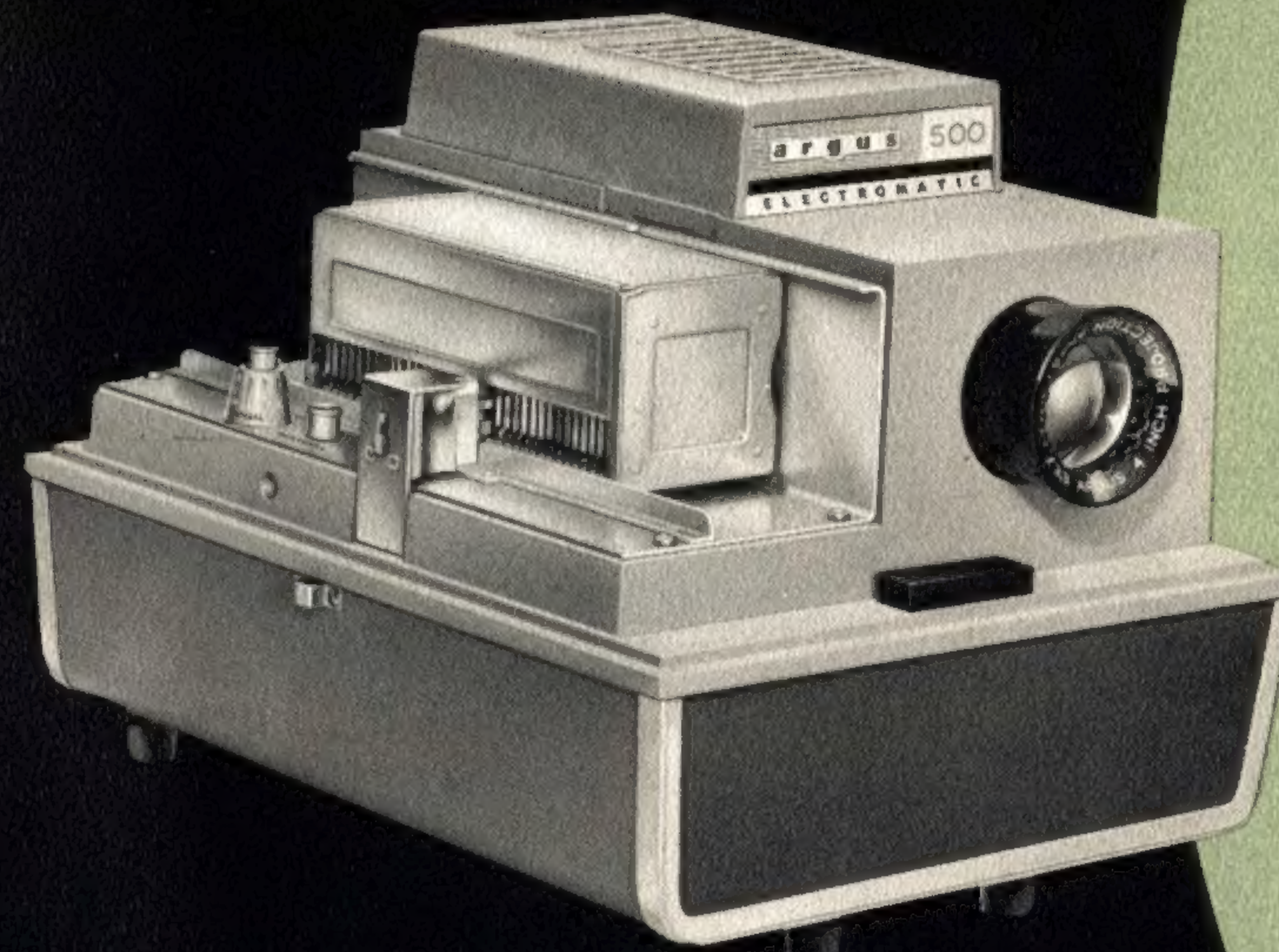
*Division of Sylvania Electric Products Inc.*

**ARGUS CAMERAS OF CANADA, LTD., TORONTO, ONTARIO**

PART NO. 57457-583

LITHO IN U.S.A.

**500 ELECTROMATIC  
500 AUTOMATIC**



*argus projectors*



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